



# Complete Weighing and Automation Solutions



### Head Office

House No. : Kha-97/2, Namapara, Khilkhet, Dhaka, PO: 1229, Bangladesh.

### Corporate Office

Haque Electric Market, 1st Floor 173/174 Nawabpur Road, Dhaka 1100

### Contact:

01712345083, 01714451371 info@nexproltd.com



**Alamgir Hosan**  
Chairman  
Nexpro Limited.



**Md. Didar Chowdhury**  
Managing Director & CEO  
Nexpro Limited.

## About us

### Our Journey

Founded in 2016 as 'Calibrated Bangladesh,' and in 2022 we evolved into Nexpro Limited to better serve the market with expanded solutions. Nexpro Limited is a trusted company to supply, service and installation of all type of weighing and measures equipment all over the country.

### Why Choose Us?

- Well trained and skilled technical personnel for service, support & troubleshooting.
- Authorized distributor of Flintec in Bangladesh.
- Associate partner of Minebea (Sartorius) Germany.
- Authorized distributor of Marques in Bangladesh.
- BSTI approved & certified weighing equipment supplier.

### Trusted Brands

Flintec | Minebea | Avery Weigh Tonix | Marques | Yaohua | Zemic

### Our Mission

To deliver cutting-edge technology and exceptional customer service, ensuring our clients achieve optimal efficiency and compliance in their operations.

### Our Services

Expert consultation, installation, calibration, and maintenance, tailored to every customer's unique needs.

We prioritize quality, durability, and precision, making us the preferred partner for businesses seeking dependable weighing solutions.

### Let us help you weigh success with confidence

Send us your requirements in the weighing and measure sector. We will offer you the best price, support, service, and solutions, all the time.

## Industrial Sector

The need for weight measurement is not limited to any particular industry or application. At Nexpro Limited, our product service a wide range of different applications across various industries.



Cement+Steel Industries



Food+Oil Industries



Port+Transport Industries



Pharmaceutical+ Consumer Industries



Textile+Garments Industries

## Product Brand



## Product Catagory

- Weighbridge/Truck scale
- Auto Filling & Bagging Weighing System
- Silo, Hopper & Tank Weighing System
- Conveyor Weighing System
- Industrial Platform Scale
- Check Weighter+X-ray Inspection System
- Weight in Motion/Dynamic Weighing
- Weighing Automation+Control
- Weighing and Automation Software

## ■ Weighbridge/Truck scale

▶ Pit or Pit-less type    ▶ 7 meter to 20 metter    ▶ 40 ton to 300 ton



## ■ Auto Filling & Baggin Weighing System

Capacity and speed as per client demand.



## ■ Silo, Hopper & Tank Weighing System

500 Kg to 100,000 Ton



## ■ Conveyor Weighing System

Capacity and speed as per client demand.



## ■ Industrial Platform Scale

100 Kg to 20 Ton capacity



## ■ Check Weighter+X-ray Inspection System

Capacity and speed as per client demand.



## ■ Weighing and Automation Software

Ready software and customized software as per client demand.



## ■ Weighing Automation+Control

Up to 20 meter and 300 ton.



## ■ Weight in Motion/Dynamic Weighing

Up to 20 meter and 300 ton.



# Flintec Products

## Beam Load Cells



### SB14

227 - 4,536kg GP // C3 // C3 MI 6

A high accuracy and low profile bending beam load cell with a wide range of capacities.

Stainless steel | Hermetic seal | IP68



### SB8

10 - 500kg GP // C3

A bending-beam load cell with a wide range of available capacities and a welded bellows casing.

Stainless steel | Hermetic seal | IP68



### DSB7

7.5t, 15t & 25t

Double-ended shear beam load cell designed for on-board vehicle weighing.

Stainless steel | Hermetic seal | IP68



### SBT

10,000kg

A robust, nickel-plated beam load cell designed to be mounted underneath heavy-duty vehicles and trailer bodies.

Alloy steel | Potted | M12 connector | IP68



### SB6

20 - 204kg GP // C1 // C3 // C3 MI6 // C4

Unique bending-beam load cell, designed for a wide range of high-accuracy applications. Features a blind loading hole.

Stainless steel | Hermetic seal | IP68



### SB8L

300 - 1,000kg GP // C3

A larger version of the SB8 bending beam load cell. Suitable for heavier duty applications.

Stainless steel | Hermetic seal | IP68

# Flintec Products

## Single Point Load Cells



**PC6**  
10 - 200kg GP // C3 // C3 M16 // C4

A highly accurate and electropolished single-point load cell, ideal for trade-approved equipment in the food industry.

Aluminium | Potted seal | IP67



**PC7** GP // C3 // C3 M16 // C4  
100kg, 250kg & 500kg

An electro-polished, single-point load cell to compliment the PC6 and PCB. Ideal for weighing in marine, food and pharma.

Stainless steel | Hermetic seal | IP68



**PCB** GP // C3 // C3 M16  
50 - 1,000kg

Highly accurate and electropolished; designed for trade approved scales in the food or chemical industry.

Stainless steel | Hermetic seal | IP68



**PC60** GP // C3  
30kg - 750kg

A medium capacity, single-point load cell, ideal for bench scales, medical scales and platform scales.

Aluminium | Potted seal | IP67



**New**

**PA1** GP  
300 - 20,000g

Miniature single-point load cells designed for very low-capacity weighing scales, process machinery and medical devices.

Aluminium | Potted seal | IP67



**PC2H** GP // C3  
2,000kg

A robust, single-point load cell designed for front and rear-end bin lifting systems on waste collection vehicles.

Stainless steel | Hermetic seal | IP69K

# Flintec Products

## Compression Load Cells



### RC1

30kg - 750kg

GP // C3

A medium capacity, single-point load cell, ideal for bench scales, medical scales and platform scales.

Aluminium | Potted seal | IP67



### RC3

20kg

GP // C3

Single capacity load cell optimised for dynamic weighing applications, such as speed checkweighers.

Stainless steel | Hermetic seal | IP68



### RC3D

100kg, 250kg & 500kg

GP // C3 // C3  
MI6 // C4

An electro-polished, single-point load cell to compliment the PC6 and PCB. Ideal for weighing in marine, food and pharma.

Stainless steel | Hermetic seal | IP68



### Q50

10 - 200kg

GP // C3 // C3 MI6 // C4

A highly accurate and electropolished single-point load cell, ideal for trade-approved equipment in the food industry.

Aluminium | Potted seal | IP67



### CC1 / CC1B

30K Lbs & 50K Lbs

The CC1 compression load cell is a robust and reliable option for polished rod sensors in the oil and gas industry.

Stainless steel | Hermetic seal | IP68



### MBC

100lb - 50klb

optional TEDS enabled

A miniature thru-hole sensor designed for applications in test and measurement as well as machine monitoring and control.

Stainless steel | Hermetic seal | IP68

# Flintec Products

## Tension Load Cells



### ISA

1 - 10lb optional TEDS enabled

Miniature S-beam sensors configured for both tension and compression measurement. Ideal for embedding in test equipment.

Aluminium | Miniature sensor | IP40



### UB1

1,000 - 10,000kg GP // C1 // G3 // C3

A robust, high capacity s-beam load cell, suitable for both tension and compression measurements in trade-approved weighing.

Stainless steel | Hermetic seal | IP68



### UXT

50 - 7,500kg GP // C3

A robust and reliable s-beam load cell. Suitable for both compression and tension, it is an economical alternative to the ULB.

Nickel-plated alloy | Potted seal | IP64

## Indicators



### FT-112

Weighing Indicator

A high-precision, multifunctional terminal allowing dual-scale connections. Features SmartAPP and OIML 10,000d certification.

Stainless steel | Dual scale | Smart functions | Intuitive menu | IP67



### FT-112 Panel

Process Indicator

An alternate version of the popular FT-112 indicator, featuring a panel-type housing that is ideal for cabinet mounting.

Multicolour LCD display | Tactile keypad | Multiple interface options | IP67



### FT-10 Fill

Weighing controller

An accurate and versatile indicator designed specifically for automating filling applications. Trade-approved to 10,000d.

Stainless steel & aluminium | For filling, dispensing and packaging | IP65

# Flintec Products

## Indicators



### FT-107

Weighing Indicator

General purpose indicators that are compact and lightweight. Essential functionality, OIML certified to 6,000d.

Plastic or stainless steel | Rechargeable battery | Wide-angle LCD | IP65



### FT-113

Fill Indicator

- Digital 12 Inputs / 14 Outputs board or as a separate DIN rail mount box
- Smart filling algorithm
- Available connectivity RS232, RS485, RS422, Ethernet TCP/IP, USB
- High speed conversion rate
- Approved sensitivity 0.4µV/d
- EU Type Examination (in prep.)
- Configurable receipt content



### FT-112D

Weighing Indicator

A digital terminal for use with RC3D load cells, supporting 16 connected sensors. OIML certified to 10,000d.

Stainless steel | Smart functions | Intuitive menu | Surge protection | IP67

## Electronics+Digitizers



### MCS-08

Multi-channel Weighing System

State-of-the-art, multi-channel ADC with high-resolution, standard functions, and optional modules for I/O, bus and display.

24-bit | DIN-mountable | 8 channels | 0.0015% accuracy | 800 measures/s | IP20



### EM100

Amplifier and 24-bit ADC module

High-precision amplifier with integrated analogue-to-digital converter. Extensive weighing and calibration functions.

24-bit | Legal-for-trade | CANopen | USB | RS-232/485 | Option: adapter board | IP20



### FAD-30

Analogue-to-Digital Converter

A high-accuracy analogue-to-digital converter for static and dynamic weighing. Supports numerous bus protocols.

24-bit | DIN-mountable | 800 measures/s | 0.0015% accuracy | up to 18 sensors | IP20

## Flintec Products

### Electronics+Digitizers



#### FRD

Remote Displays

A family of three remote displays for use in various weighing applications. Red LED screens for use in bright environments.

Steel or aluminium housing | Six-digit display | Wall-mountable | IP65



#### FAA-26 / 27

Analogue Amplifiers

Accurate and economical amplifiers that support a range of applications in process weighing and process automation.

DIN-mountable | 12x 1,000  $\Omega$  sensors | Volt or Amp outputs | 3-step filter | IP20



#### KPF

Junction Boxes

Robust junction box available for 4, 6, 8, or 10 load cells. Ideally suited to outdoor applications such as truck scales and silos.

Polyester | 10 sensors | Surge-protected | Clamped terminals | Corner trim | IP66

### Accessories



#### LCT-11

Load Cell Tester

A hand-held, battery-operated device for troubleshooting strain-gauge sensors. It provides useful diagnostic data to the user.

ABS Enclosure | 16-bit ADC | 16-digit display | 8-pin connector | IP40



#### 55-01-07C

Rocker System Mounting Kit

application  
Truck scales, axle scales.

Key Features

- Zinc plated steel construction
- Very easy to install and maintain
- Anti-rotation device
- Supplied with grounding strap



#### 55-30

Weigh Module Mounting Kit

application  
Hopper and tank weighing systems with agitators.

Key Features

- Zinc plated steel
- Built-in check link
- Lift off protection system
- Very easy to install and maintain

# Minebea Products

## Load Cells



### PR 6221

12.5 ton - 75 ton      Truck scale load cell

- Also available as digital solution with Converter Connexx
- Thanks to special measuring element geometry
- For even the harshest environmental conditions
- Ensures maximum reliability and lightning protection
- IP68 (1.5 m water depth/10,000 hours), IP69K



### PR 6211

30 kg - 10 ton      Vessel and silo weighing

- Compact design for container weighing and tight spaces
- Enables operating temperatures of up to 180°C
- Integrated safety device of 500kg absolute
- Compensation of movements



### PR 6202

As Per Order      Vessel and silo weighing

- Meets the requirements of the European Hygienic Engineering Design Group
- Continuous operation without damage -40°C to +95 °C
- IP68 (1.5 m water depth/10,000 hours), IP69K
- According to OIML R60

## Mounting Kitt



### PR 6021

12.5 ton - 75 ton      Heavy Duty Mounting Kits

- Easy and fast installation
- Mounting kit with dummy (Optional)
- Complete programmed for all load cells PR 6221.
- Full stainless steel version available
- Designed to withstand high lateral forces
- Maintenance free including the constrainer



### PR 6001

12.5 ton - 300 ton      Heavy Duty Mounting Kits

- Easy and fast installation
- Mounting kit with dummy (Optional)
- Complete programmed for all load cells PR 6221.
- Full stainless steel version available
- Designed to withstand high lateral forces
- Maintenance free including the constrainer



### PR 6012

As Per Order      Heavy Duty Mounting Kits

- Easy and fast installation
- Mounting kit with dummy (Optional)
- Complete programmed for all load cells PR 6221.
- Full stainless steel version available
- Designed to withstand high lateral forces
- Maintenance free including the constrainer

# Minebea Products

## Indicators+Electronics



### PR 5310

X2 Process Indicator

- Value added economical solution for simple weighing processes
- Robust housing for panel or table top mounting
- High-quality sense-amplifier allows signals over long distances without losing accuracy
- All fieldbus interfaces optional available



### PR 5500

Maxxis 4 Weight controller

- 4.3 inch, multilingual intuitive user interface with help function
- Ethernet, ModBus, Profibus DP, DeviceNet, ProfiNet, Ethernet/IP, USB
- Enables configuration and control via a standard web browser
- SD card memory for transparency and traceability



### Midrics® 2

Weight indicator Midrics

- With everything that is indispensable for daily practice
- Durable finish and easy-to-clean shape that also looks good
- Midrics® Weighing Indicator MIS 1, Midrics® Weighing Indicator MIS2
- Integration optional via RS232, RS485, RS422, 4-20mA, digital inputs/outputs

## Platform Scale



### MiNexx® 3000

1.5kg to 300kg Bench Scale

- Innovative V-shaped design for increased weighing accuracy
- Available in 6 different platform sizes
- Robust construction for reliable performance
- Protection class: IP67, IP69K
- Stainless steel (1.4301 or 1.4404) and galvanised steel
- Counting, fill quantity control, dosing, statistical process control, weighing



### IF flat-bed scale

150 kg to 3000 kg

- Customised products on request
- Various material designs such as stainless steel
- Protection classes IP65, IP68 or IP69
- Resolution up to 30,000 d, in legal metrology up to 2 x 3000 e
- Platforms in a wide range of designs and dimensions



### Midrics®

3 kg to 3 ton Bench And Floor Scale

- Wide range of indicators and platforms
- Protection classes IP65 or IP67/IP68
- Readability from 0.2 g to 200 g
- Various resolutions from 3,000 d to 15,000 d
- Wide range of accessories, options and extensions

# Minebea Products

## Checkweigher+Metal Detector



### Flexus®

Checkweigher

- High-resolution EMF load cell technology combines maximum throughput with the highest precision
- Optimised standard configurations for versatile application options
- Optionally with stainless steel conveyor for use in harsh environments



### Essentus® L

Checkweigher

- Automatic teach-in function for easy commissioning and setting of weighing parameters without detailed knowledge of the device
- Wide range of options
- Automatic speed control
- For product weights up to 6 kg
- Optionally with stainless steel conveyor for use in harsh environments



### Mitus®

Metal Detection System

- Highest detection sensitivity for foreign bodies in production lines of the food industry
- MiWave technology tolerates fluctuations in product effects
- High ease of use, optimal connectivity and different design variants
- Durable, robust design

## X-Ray



### Dymond

1.5kg to 300kg X-Ray Inspection System

- The innovative X-ray inspection system Dymond reliably detects foreign objects, including in desserts, salad mixes or ready-made meals. At the same time, Dymond helps to check important quality attributes, such as mass, filling levels, completeness and integrity.



### Dypipe

990 mm +/- 100 mm X-Ray Inspection System

- Variety of separators available
- Easy installation and operation
- Prevents product recalls and facilitates the productivity of your production line
- Intuitive, time-saving operation
- Easy installation and integration into networks
- Special features for meat applications



### Dymond Bulk

X-Ray Inspection System

- Maximum detection sensitivity for product and machine safety
- Intuitive operation
- Worldwide service, including remote support
- High-performance interfaces for straight forward integration into networks

# Avery Products

## Load Cell



### T301x

Truck Scale Digital Load Cell

- Compact design
- Robust and quality assured
- Sealed to IP69K
- Lightning protection built-in
- Accurate to 6,000d
- 100% stainless steel construction
- RS485 communication
- Factory calibrated
- 25m cable



### T302x

Truck Scale Load Cell

- 22.5 and 45 tonne capacities
- IP68 submersible and IP69K sealed
- 100% stainless steel construction
- Self-aligning, rocker column design
- Pre-assembled, anti-rotation load buttons
- Built-in lightning protection
- Legal for Trade, OIML R60 approved
- Accuracy class C5 – 5,000 division



### T66

Cantilever Beam Load Cell

- Suitable for the harshest environments
- Hermetically sealed to IP68 / IP69K
- Flexible industrial use
- Available as an ATEX variant
- 5kg to 500 kg nominal weight capacities
- 5 years warranty

## Indicators



### ZM303 IP69K

Advanced Multi-Function Weight Indicator

- ZM303 is a high performance indicator suitable for industrial applications. This multi-function indicator includes a full numeric keypad.
- The ZM303 offers multi-connectivity, with Ethernet, RS232 and a USB Host port as standard and Analog output, USB device, Current Loop, RS485/RS422 and Wireless options available.



### ZM305

Advanced Multi-Function Weight Indicator

- ZM305 is a high performance indicator suitable for industrial applications. This multi-function indicator includes a full numeric keypad.
- The ZM305 offers multi-connectivity, with Ethernet, RS232 and a USB Host port as standard and Analog output, USB device, Current Loop, RS485/RS422 and Wireless options available.



### ZM510

Weight Indicator

- Programmable and highly connective, the ZM510 displays, analyses, stores and transmits data across devices, offering an end-to-end, personalised weighing solution.
- The ZM510 is equally compatible with a wide range of other weighing platforms, including bench and floor scales and scales for batching, counting and checkweighing.

# Zemic Products

## Load Cell



**HM9B**  
10 Ton-50 Ton Truck Scale Load Cell

- Nickel plated alloy steel IP68 dual shear beam load cell.
- High accuracy.
- Suitable for truck, track, hopper and other electronic weighing devices.
- Current calibrated (sc-option).
- OIML Certified



**H8C**  
100kg-10 Ton Shear Beam Load Cell

- Nickel plated alloy steel IP67 shear beam load cell.
- 100kg and 250kg are bending beam load cells.
- Suitable for platform weighing, container and tank scales, bed weighing, etc.
- High accuracy and High reliability.
- OIML Certified



**B3G**  
50Kg-10Ton Stainless Steel S-Type Load Cell

- Stainless steel IP67 "S" type load cell.
- Tension and compression applications
- Suitable for hanging, hopper and other weighing devices
- Also available in imperial capacities and dimensions
- OIML Certified

# Jadever Products



**JWI-3100**  
Platform Scale Indicator

- Up to 1/15000 resolution
- Bright LCD display with red backlight
- Adjustable filtering level for weighing under various conditions
- Zero/Tare / Weighing / Simple counting / Hold / Net & Gross Weight / Check weighing function
- Adjustable capacities, resolutions and parameters.



**JIK-4CSB**  
Platform Scale Indicator

- Up to 1/30000 resolution Stainless Steel Waterproof Weighing Indicator
- Easy to operate, with Pre-tare / tare / check weighing / sampling / Net & Gross weight / hold functions
- Up to 8x350Ω Load cell and can be used with different sizes of bench scales
- Software filtering function



**JCW-B**  
1 Ton-50 Ton Wireless Crane Scale

- Impact resistant all steel construction for RFI protection
- Patented LN high precision crane scale load cell
- Optional operation temperature normal (-15°C ~ 55°C), or thermal (~80°C) environment
- 6V/4Ah Ni-H rechargeable battery for the scale

# Yaohua Products

## Indicator



### XK3190-D10

Truck Scale Indicator

- AC/DC power supply
- User-defined printing format, and be able to connect with serial printing interface and thermal printer
- Reliable shield and anti-jamming
- Standard RS232C communication interface with selectable baud rate and communication method (RS422/RS485 optional)



### XK3190-A9+

Truck Scale Indicator

- AC/DC power supply
- User-defined printing format, and be able to connect with serial printing interface and thermal printer
- Reliable shield and anti-jamming
- Standard RS232C communication interface with selectable baud rate and communication method (RS422/RS485 optional)



### XK3190-DS3

Truck Scale Digital Indicator

- AC/DC power supply
- With optional interface
- 4-20mA module
- Able to connect several sorts of digital load cells using Yaohua protocol
- Standard RS232C (RS422/RS485 optional) communication interface
- Standard scoreboard interface with 20mA current loop method.

## Electronics



### YHL-1/3/5/8

YHL series Scoreboard

Auxiliary display for weighing device by viewing weighing result from long distance. Auxiliary display for weighing system by connecting with computer with matching output format. Weighing indicator should be equipped with corresponding communication interface to connect with scoreboard.



### Junction Box

Stainless Steel housing

- Suitable for 4-10 load cell connection.
- IP65k Protection/Dustproof



### YHL-7H

Dot Matrix Scoreboard

- Suitable for 4-10 load cell connection.
- IP65k Protection/Dustproof
- Inner real-time clock, able to display date, time, lunar date, day of the week, holidays, and temperature.

# Comprehensive Portfolio Of Products, Solutions & Services



Have any queries?  
**We're here to help**

## Contact Us

### Head Office

House No: Kha- 97/2, Namapara  
Khilkhet, Dhaka-1229, Bangladesh

### Corporate Office

Haque Electric Market (1st Floor)  
173/174 Nawabpur Road, Dhaka 1100

### Branch Office

Rony Mansions, Mahtabbibi Road  
Bhatary, Chattogram

### WhatsApp

+88 01911110994

### Call

+88 01712345083  
+88 01714451371

### Email

nexproltd.bd@gmail.com  
info@nexproltd.com



# Letter of Authorization

**NEXPRO LIMITED.**  
HOUSE NO : KHA 97/2, NAMAPARA, KHILKHET,  
DHAKA P.O. 1229  
BANGLADESH

have exclusive rights for weighbridge product range and authorized to sell the entire product range, of Flintec Group AB in Bangladesh will get full technical support / warranty on all products. Also, they are capable to authorize any other Bangladeshi company for bidding to any government or private organization.

  
Johannes Hille  
Managing Director



Flintec Singapore Pte. Ltd.  
25 International Business Park,  
German Centre, #03-79  
Singapore, 609916

(Cert. to be renewed June 2026,  
reviewed in 2025)

## SOME OF OUR HAPPY CLIENTS



Website  
Visit



Download  
Brochure

